

begin 5,73,155,399  
11sep03 13:45:56 User208760 Session D2365.2  
\$0.00 0.071 DialUnits File410  
\$0.00 Estimated cost File410  
\$0.01 TELNET  
\$0.01 Estimated cost this search  
\$0.30 Estimated total session cost 0.153 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2003/Sep W1  
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File 73:EMBASE 1974-2003/Sep W1  
(c) 2003 Elsevier Science B.V.

File 155:MEDLINE(R) 1966-2003/Sep W1  
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\*File 155: Medline has been reloaded and accession numbers have  
changed. Please see HELP NEWS 155.

File 399:CA SEARCH(R) 1967-2003/UD=13911  
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\*File 399: Use is subject to the terms of your user/customer agreement.  
Alert feature enhanced for multiple files, etc. See HELP ALERT.

Set	Items	Description
?	s	(3D1) and (b7(w)2 or cd86)
	178	3D1
	17825	B7
	8911103	2
	4706	B7(W)2
	7674	CD86
S1	1	(3D1) AND (B7(W)2 OR CD86)
?	t	s2/7/all
>>>	Set 2	does not exist
?	t	s1/7/all

1/7/1 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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133191991 CA: 133(14)191991w PATENT  
Humanized immunoglobulin reactive with B7 molecules and methods of  
treatment therewith  
INVENTOR(AUTHOR): Co, Man Sung; Vasquez, Maximiliano; Carreno, Beatriz;  
Celniker, Abbie Cheryl; Collins, Mary; Goldman, Samuel; Gray, Gary S.;  
Knight, Andrea; O'Hara, Denise; Rup, Bonita; Veldman, Geertruida M.  
LOCATION: USA  
ASSIGNEE: Genetics Institute, Inc.  
PATENT: PCT International ; WO 200047625 A2 DATE: 20000817  
APPLICATION: WO 2000US3303 (20000209) \*US 249011 (19990212) \*US 339596  
(19990624)  
PAGES: 162 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-016/28A;  
C12N-005/10B; C12N-015/62B; C12N-015/13B; G01N-033/68B; G01N-033/577B;  
A61K-039/395B; A61K-035/12B; A61P-035/00B; A61P-007/06B; A61P-003/00B;  
A61P-037/00B; A61P-025/00B; A61P-001/18B; A61P-019/02B; A61P-001/00B;  
A61P-017/00B; A61K-039/505B; A61K-038/13B; A61K-031/445B  
DESIGNATED COUNTRIES: AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH;  
CN; CR; CU; CZ; DE; DK; DM; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL;  
IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK;  
MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT;  
TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM  
DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG; ZW; AT; BE;  
CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF;  
CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG  
SECTION:

CA215003 Immunochemistry

CA203XXX Biochemical Genetics

IDENTIFIERS: humanized Ig antigen B7 autoimmune disease

DESCRIPTORS:

Interleukin 2 receptors...

antagonists; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Anemia(disease)...

aplastic; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Animal cell line...

ATCC CRL-12524 and PTA-263; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Transplant and Transplantation...

bone marrow; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Receptors...

B7-1; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Glycoproteins,specific or class...

CD40-L (antigen CD40 ligand); humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Blood products...

component transplant; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Gene therapy...

delivery vector; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Metabolism,animal...

disorder, inborn; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Gene,animal...

fusion; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Immunoglobulins...

G, human const. or framework; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Immunoglobulins...

G2, human const. or framework; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Immunoglobulins...

G4, human const. or framework; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Immunoglobulins...

heavy chains; humanized; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Immunodeficiency...

hereditary; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Adeno-associated virus... Anemia(disease)... Antigens... Arthritis...

Asthma... Autoimmune disease... CD40(antigen)... CD80(antigen)...

CD86(antigen)... Diabetes mellitus... DNA sequences... Drug delivery

systems... Drugs... Genetic vectors... Hematopoiesis... Immunomodulators...

Immunosuppressants... Immunotherapy... Infection... Inflammation...

Leukemia... Lymphocyte... Lymphoma... Mammal(Mammalia)... Molecular cloning

... Mouse... Multiple sclerosis... Neoplasm... Nucleic acids... Protein

sequences... Retroviridae... Rodent... Sick cell anemia...

Steroids, biological studies... Thalassemia... Transplant rejection...  
 humanized Ig. reactive with B7 mols. for treatment of autoimmune  
 diseases, inflammation, transplant rejection, and infections

Antibodies... Immunoglobulins...  
 humanized; humanized Ig. reactive with B7 mols. for treatment of  
 autoimmune diseases, inflammation, transplant rejection, and infections

Immune tolerance...  
 induction; humanized Ig. reactive with B7 mols. for treatment of  
 autoimmune diseases, inflammation, transplant rejection, and infections

Dermatitis... Intestine, disease...  
 inflammatory; humanized Ig. reactive with B7 mols. for treatment of  
 autoimmune diseases, inflammation, transplant rejection, and infections

Pancreatic islet of Langerhans...  
 insulinitis; humanized Ig. reactive with B7 mols. for treatment of  
 autoimmune diseases, inflammation, transplant rejection, and infections

Immunoglobulins...  
 light chains, humanized; humanized Ig. reactive with B7 mols. for  
 treatment of autoimmune diseases, inflammation, transplant rejection,  
 and infections

Histocompatibility antigens...  
 MHC (major histocompatibility complex), class I; humanized Ig. reactive  
 with B7 mols. for treatment of autoimmune diseases, inflammation,  
 transplant rejection, and infections

Antibodies...  
 monoclonal, 3D1 and 1F1; humanized Ig. reactive with B7 mols. for  
 treatment of autoimmune diseases, inflammation, transplant rejection,  
 and infections

Myeloproliferative disorders...  
 myelodysplasia; humanized Ig. reactive with B7 mols. for treatment of  
 autoimmune diseases, inflammation, transplant rejection, and infections

Blood...  
 peripheral; humanized Ig. reactive with B7 mols. for treatment of  
 autoimmune diseases, inflammation, transplant rejection, and infections

Disease, animal...  
 proliferative; humanized Ig. reactive with B7 mols. for treatment of  
 autoimmune diseases, inflammation, transplant rejection, and infections

Cell...  
 stem; humanized Ig. reactive with B7 mols. for treatment of autoimmune  
 diseases, inflammation, transplant rejection, and infections

Lupus erythematosus...  
 systemic; humanized Ig. reactive with B7 mols. for treatment of  
 autoimmune diseases, inflammation, transplant rejection, and infections

Toxoids...  
 tetanus; humanized Ig. reactive with B7 mols. for treatment of  
 autoimmune diseases, inflammation, transplant rejection, and infections

Blood cell... Bone marrow...  
 transplant; humanized Ig. reactive with B7 mols. for treatment of  
 autoimmune diseases, inflammation, transplant rejection, and infections

DNA...  
 vector; humanized Ig. reactive with B7 mols. for treatment of  
 autoimmune diseases, inflammation, transplant rejection, and infections

CAS REGISTRY NUMBERS:

288406-94-0P 288406-95-1P 288406-96-2P 288406-97-3P 288406-98-4P  
 288406-99-5P 288407-00-1P 288407-01-2P amino acid sequence;  
 humanized Ig. reactive with B7 mols. for treatment of autoimmune  
 diseases, inflammation, transplant rejection, and infections

9004-10-8 biological studies, humanized Ig. reactive with B7 mols. for  
 treatment of autoimmune diseases, inflammation, transplant rejection,  
 and infections

53-03-2 59-05-2 1247-42-3 9001-28-9 9002-72-6 53123-88-9 59865-13-3  
 63798-73-2 104987-11-3 113189-02-9 128794-94-5 152923-56-3  
 252850-66-1 humanized Ig. reactive with B7 mols. for treatment of  
 autoimmune diseases, inflammation, transplant rejection, and infections

9025-75-6 inhibitor; humanized Ig. reactive with B7 mols. for treatment of

autoimmune diseases, inflammation, transplant rejection, and infections  
288637-71-8P 288637-72-9P 288637-73-0P 288637-74-1P 288637-75-2P  
288637-76-3P 288637-77-4P 288637-78-5P nucleotide sequence;  
humanized Ig. reactive with B7 mols. for treatment of autoimmune  
diseases, inflammation, transplant rejection, and infections  
141977-02-8 246223-23-4 288390-77-2 288390-78-3 288390-79-4  
288390-80-7 288390-82-9 288390-83-0 288390-84-1 288390-85-2  
288390-86-3 288390-87-4 unclaimed sequence; humanized Ig reactive  
with B7 mols. and methods of treatment therewith

?

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begin 5,73,155,399
  11sep03 10:03:00 User208760 Session D2364.2
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  $0.00 Estimated cost File410
  $0.01 TELNET
  $0.01 Estimated cost this search
  $0.30 Estimated total session cost    0.155 DialUnits

```

SYSTEM:OS - DIALOG OneSearch

File 5: Biosis Previews(R) 1969-2003/Sep W1  
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File 155: MEDLINE(R) 1966-2003/Sep W1  
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Set Items Description

--- ---

? e au=co man ?

Ref	Items	Index-term
E1	1	AU=CO M.D.T.
E2	8	AU=CO M.S.
E3	0	*AU=CO MAN ?
E4	19	AU=CO MAN SUNG
E5	1	AU=CO MANUEL C
E6	1	AU=CO MARK A
E7	1	AU=CO MARTI F
E8	2	AU=CO MARY DAWN T
E9	1	AU=CO MATHEW
E10	1	AU=CO MATTHEW
E11	1	AU=CO MINH H.B.
E12	1	AU=CO MPAGNO A.

Enter P or PAGE for more

? s e1-d4

>>>Invalid term: D4

? s e1-e4

1 AU=CO M.D.T.  
8 AU=CO M.S.  
0 AU=CO MAN ?  
19 AU=CO MAN SUNG

S1 28 E1-E4

? s s1 and b7?

28 S1  
22341 B7?

S2 0 S1 AND B7?

? s s1 and (h2f or III2R)

28 S1  
40 H2F  
0 III2R

S3 0 S1 AND (H2F OR III2R)

? s (B7? or or b7(w)2 or cd86) and (h2f or III2R)

>>>Operator "OR" in invalid position

? s (B7? or b7(w)2 or cd86) and (h2f or III2R)

22341 B7?  
17825 B7  
8911103 2

4706 B7(W)2

7674 CD86

40 H2F

0 III2R

S4 0 (B7? OR B7(W)2 OR CD86) AND (H2F OR III2R)

?

**Set Name Query**

side by side

**Hit Count Set Name**

result set

*DB=JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*L6 (antibod\$ or immunoglobulin\$ or hybridoma\$ or cdr or framework)same(H2F or III2R)0 L6L5 ('b7-2' or b72 or cd86)same (antibod\$ or immunoglobulin\$ or hybridoma\$) and (H2F or III2R)0 L5*DB=USPT,PGPB; PLUR=YES; OP=ADJ*L4 ('b7-2' or b72 or cd86)same (antibod\$ or immunoglobulin\$ or hybridoma\$) and (H2F or III2R)1 L4L3 L1 and (b7\$)same (antibod\$ or immunoglobulin\$ or hybridoma\$)1 L3L2 L1 and ('b7-2' or cd86)1 L2L1 co.in.507 L1

END OF SEARCH HISTORY

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
CDR	810
CDRS	201
FRAMEWORK	35490
FRAMEWORKS	2168
H2F	6
H2FS	0
III2R	0
III2RS	0
ANTIBOD\$	0
ANTIBOD	4
ANTIBODES	4
((ANTIBOD\$ OR IMMUNOGLOBULIN\$ OR HYBRIDOMAS\$ OR CDR OR FRAMEWORK)SAME(H2F OR III2R)).JPAB,EPAB,DWPI.	0

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Database: 

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US Pre-Grant Publication Full-Text Database	
JPO Abstracts Database	
EPO Abstracts Database	
Derwent World Patents Index	
IBM Technical Disclosure Bulletins	▼

Search:

L6

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DATE: Thursday, September 11, 2003   [Printable Copy](#)   [Create Case](#)



**WEST****Search Results - Record(s) 1 through 1 of 1 returned.**☐ 1. Document ID: US 20020176855 A1

L4: Entry 1 of 1

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020176855

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020176855 A1

TITLE: HUMANIZED IMMUNOGLOBULIN REACTIVE WITH B7-2 AND METHODS OF TREATMENT THEREWITH

PUBLICATION-DATE: November 28, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
CO, MAN SUNG	CUPERTINO	CA	US	
VASQUEZ, MAXIMILIANO	PALO ALTO	CA	US	
CARRENO, BEATRIZ	ACTON	MA	US	
CELNIKER, ABBIE CHERYL	NEWTON	MA	US	
COLLINS, MARY	NATICK	MA	US	
GOLDMAN, SAMUEL	ACTON	MA	US	
GRAY, GARY S.	BROOKLINE	MA	US	
KNIGHT, ANDREA	HAMPTON	NH	US	
O'HARA, DENISE	READING	MA	US	
RUP, BONITA	READING	MA	US	
VELDMAN, GEERTRUIDA M.	SUDBURY	MA	US	

US-CL-CURRENT: 424/133.1; 424/141.1, 424/143.1, 424/144.1, 424/153.1, 424/173.1,  
435/252.3, 435/320.1, 435/326, 435/328, 435/334, 435/343, 435/346, 435/440, 435/455,  
435/69.6, 530/387.3, 530/388.1, 530/388.22, 530/388.73, 536/23.1, 536/23.4, 536/23.53

Full Title

CLS.1

REF.1

SEQ.1

ATT.1

Term	Documents
B7-2	686
B7-2S	0
B72	316
B72S	1
CD86	1017
CD86S	0
H2F	15
H2FS	0
III2R	0
III2RS	0
ANTIBOD\$	0
((('B7-2' OR B72 OR CD86)SAME (ANTIBOD\$ OR IMMUNOGLOBULIN\$ OR HYBRIDOMA\$) AND (H2F OR III2R)).USPT,PGPB.	1

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 4 of 4 returned.**☐ 1. Document ID: US 20020176855 A1

L1: Entry 1 of 4

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020176855

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020176855 A1

TITLE: HUMANIZED IMMUNOGLOBULIN REACTIVE WITH B7-2 AND METHODS OF TREATMENT THEREWITH

PUBLICATION-DATE: November 28, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
CO, MAN SUNG	CUPERTINO	CA	US	
VASQUEZ, MAXIMILIANO	PALO ALTO	CA	US	
CARRENO, BEATRIZ	ACTON	MA	US	
CELNIKER, ABBIE CHERYL	NEWTON	MA	US	
COLLINS, MARY	NATICK	MA	US	
GOLDMAN, SAMUEL	ACTON	MA	US	
GRAY, GARY S.	BROOKLINE	MA	US	
KNIGHT, ANDREA	HAMPTON	NH	US	
O'HARA, DENISE	READING	MA	US	
RUP, BONITA	READING	MA	US	
VELDMAN, GEERTRUIDA M.	SUDBURY	MA	US	

US-CL-CURRENT: 424/133.1; 424/141.1, 424/143.1, 424/144.1, 424/153.1, 424/173.1,  
435/252.3, 435/320.1, 435/326, 435/328, 435/334, 435/343, 435/346, 435/440, 435/455,  
435/69.6, 530/387.3, 530/388.1, 530/388.22, 530/388.73, 536/23.1, 536/23.4, 536/23.53

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KIMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 2. Document ID: US 6432364 B1

L1: Entry 2 of 4

File: USPT

Aug 13, 2002

US-PAT-NO: 6432364

DOCUMENT-IDENTIFIER: US 6432364 B1

TITLE: SPR sensor cell and immunoassay apparatus using the same

DATE-ISSUED: August 13, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Negami; Mitsuhiro	Shizuoka			JP
Nakamura; Muneaki	Shizuoka			JP
Suzuki; Kazuyasu	Shizuoka			JP

US-CL-CURRENT: [422/82.11](#); [385/12](#), [422/82.05](#), [422/82.06](#), [422/82.08](#), [422/82.09](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 6197524 B1

L1: Entry 3 of 4

File: USPT

Mar 6, 2001

US-PAT-NO: 6197524

DOCUMENT-IDENTIFIER: US 6197524 B1

TITLE: Methods for detecting, identifying, isolating, and selectively labelling and targeting TH1 lymphocyte by means of the LAG-3 protein

DATE-ISSUED: March 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Romagnani; Sergio	Florence			IT

US-CL-CURRENT: [435/7.1](#); [435/7.2](#), [435/7.24](#), [436/501](#), [436/506](#), [436/536](#), [436/811](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 6022863 A

L1: Entry 4 of 4

File: USPT

Feb 8, 2000

US-PAT-NO: 6022863

DOCUMENT-IDENTIFIER: US 6022863 A

TITLE: Regulation of gene expression

DATE-ISSUED: February 8, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peyman; John A.	Cheshire	CT		

US-CL-CURRENT: [514/44](#); [435/1.1](#), [435/325](#), [435/91.1](#), [536/24.1](#), [800/13](#), [800/25](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments		KWIC	Draw Desc	Image
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Term	Documents
3D1	330
3D1S	0
CD86	1017
CD86S	0
B7-2	686
B7-2S	0
ANTIBOD\$	0
ANTIBOD	863
ANTIBODAY	1
ANTIBODCIES	1
ANTIBODEES	2
((3D1) SAME (ANTIBOD\$ OR IMMUNOGLOBULIN\$ OR HYBRIDOMAS\$) AND (B7? OR CD86 OR 'B7-2')).USPT,PGPB.	4

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